The New York
Academy of Sciences

An International Organization

2 East 63rd Street
New York, New York 10021
(212) 838-0230

July 18 - 20, 1988

Calcium Channels:
Structure and Function

Conference Co-Chairs:

Dennis W. Wray, Ph.D.
Royal Free Hospital
School of Medicine

Robert I. Norman, Ph.D.
University of Leicester

Peter Hess, M.D.
Harvard Medical School

Conference Location:

The Royal Society
6 Carlton House Terrace
London, SW1Y 5AG United Kingdom
01-839-5561

See back of program for registration and hotel information

Source: https://www.industrydocuments.ucsf.edu/docs/lxyb0000

Location:

All Scientific Sessions, Poster Sessions and Conference Luncheons will be held at the Royal Society. Sunday, July 17 Registration 3:30 PM-7:30 PM and Tuesday, July 19 Conference Dinner 7:45 PM will be held at the Stakis St. Ermin's Hotel (Caxton Street). Please check "note board" in hotel foyer for Registration and Dinner room locations.

For information on London, please see the general information section in the back of the program.

Registration Fees Include:

Entrance to all Scientific Sessions
Entrance to Poster Sessions
Conference Materials
Continuing Medical Education Credits
Coffee/Tea (During scheduled intermissions)

Individual Fees for Luncheons and Dinner:

Separate fees are required for Conference Luncheons (All three days) and Conference Dinner (July 19). For further information see registration form in the back of the program. **If you plan to attend the Luncheons and/or Dinner, payment is required prior to the Conference.** Tickets for the Luncheons and the Dinner must be picked up in the Registration Area. Please be advised that **due to limited seating, luncheons are provided on a space available basis, reserve early.**

The New York Academy of Sciences accepts only U.S. Dollars or a check drawn on a U.S. Bank payable in U.S. Dollars.

All Speakers and Poster Presenters:

Please check in at the Speakers' Desk for important information when you arrive in the Registration Area.

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

Officers of
The New York Academy of Sciences

William T. Golden, D.Sc. (hon.), LL.D. (hon.), President
Walter N. Scott, M.D., Chair, Conference Committee
Heinz R. Pagels, Ph.D., Executive Director
Ellen A. Marks, Conference Director

Conference Theme:

This Conference will provide a forum for a multidisciplinary discussion based on recent developments in electrophysiological and biochemical studies of Ca channels. The major aim will be to contribute towards a better scientific understanding of the relationship between structure and function of Ca channels.

ACCME Credit

The New York Academy of Sciences is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

Credit

The New York Academy of Sciences designates this continuing medical education activity for 20 credit hours in Category I of the Physician's Recognition Award of the American Medical Association.

Contributions*

ICI Pharmaceuticals Group
Marion Laboratories, Inc.
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U.S. Air Force EOARD

*Contributions received after the printing of this program will be acknowledged in the Abstract Brochure and in the Annal that will result from the Conference.

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Sunday
July 17, 1988

3:30 PM-7:30 PM Registration

To be held at:

Stakis
St. Ermin's Hotel
Caxton Street

6:30 PM-7:30 PM Reception

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

Monday
July 18, 1988

Conference Co-Chairs:

Dennis W. Wray, Ph.D.
Academic Department of Pharmacology
Royal Free Hospital School of Medicine
University of London
London, England

Robert I. Norman, Ph.D.
Department of Medicine
University of Leicester
Leicester, England

Peter Hess, M.D.
Department of Physiology and Biophysics
Harvard Medical School
Boston, Massachusetts

8:00 AM-9:00AM Registration

9:00 AM-9:05 AM

Greetings from the Academy

9:05 AM-9:10 AM

Welcome

Dennis W. Wray, Ph.D.
Conference Co-Chair

9:10 AM-9:15 AM

Opening Remarks

Robert I. Norman, Ph.D.
Conference Co-Chair

9:15 AM-12:45 PM

Session I: Biophysical Properties: Channel Function

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

Session Chair:

Peter Hess, M.D.
Department of Physiology and Biophysics
Harvard Medical School
Boston, Massachusetts

9:15 AM-9:40 AM

1. Ca Channels in Excitable and Non-Excitable Cells

Susumu Hagiwara, M.D., Ph.D.
Department of Physiology
University of California at Los Angeles
Los Angeles, California

Discussion (5 minutes)

9:45 AM-10:10 AM

2. Mechanism of Ca Channel Gating

Harald Reuter, M.D.
Department of Pharmacology
University of Berne
Berne, Switzerland

Discussion (5 minutes)

10:15 AM-10:40 AM

3. Mechanism of Ca Channel Permeation

Peter Hess, M.D.
Department of Physiology and Biophysics
Harvard Medical School
Boston, Massachusetts

Discussion (5 minutes)

10:45 AM-11:15 AM Intermission

11:15 AM-11:40 AM

4. Gating and Permeation in Different Types of Ca Channels

P.G. Kostyuk, Ph.D.
Institute of Physiology
Ukrainian Academy of Sciences
Kiev, USSR

Discussion (5 minutes)

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

11:45 AM-12:10 PM

5. Ca Channels in Vertebrate Neurones

D.A. Brown, Ph.D.
Department of Pharmacology
University College London
London, United Kingdom

Discussion (5 minutes)

12:15 PM-12:40 PM

6. Ca Channels in Skeletal Muscle

Wolfhard Almers, Ph.D.
Department of Physiology and Biophysics
University of Washington
Seattle, Washington

Discussion (5 minutes)

12:45 PM-2:00 PM Conference Luncheon

2:00 PM-5:30 PM

Session II: Biochemical/Molecular Properties: Channel Structure

Session Chair:

William Catterall, Ph.D.
Department of Pharmacology
University of Washington School of Medicine
Seattle, Washington

2:00 PM-2:25 PM

7. Molecular Properties of Ca Channels

M. Lazdunski, Ph.D., D.Sc.
Centre de Biochimie
C.N.R.S.
Nice, France

Discussion (5 minutes)

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

2:30 PM-2:55 PM

8. Structure of Ca Channels

H. Glossmann, M.D., Ph.D.
Institute for Biochemistry and Pharmacology
University of Innsbruck
Innsbruck, Austria

Discussion (5 minutes)

3:00 PM-3:25 PM

9. Molecular Properties of Dihydropyridine-Sensitive Ca Channels

William A. Catterall, Ph.D.
Department of Pharmacology
University of Washington
Seattle, Washington

Discussion (5 minutes)

3:30 PM-4:00 PM Intermission

4:00 PM-4:25 PM

10. Cardiac Ca Channels: Isolation and Characterization

M. Marlene Hosey, Ph.D.
Department of Biological Chemistry and Structure
University of Health Sciences
The Chicago Medical School
North Chicago, Illinois

Discussion (5 minutes)

4:30 PM-4:55 PM

11. Ca Channels in Smooth Muscle: Properties and Regulation

David J. Triggle, Ph.D.
School of Pharmacy
State University of New York at Buffalo
Buffalo, New York

Discussion (5 minutes)

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

5:00 PM-5:25 PM

12. Molecular Biology of Ca Channels

Shosaku Numa, M.D., D.Med.Sc.
Department of Medical Chemistry and Molecular Genetics
Kyoto University Faculty of Medicine
Kyoto, Japan

Discussion (5 minutes)

5:30 PM-7:00 PM Poster Session

Tuesday
July 19, 1988

9:00 AM-12:00 NOON

Session III: Reconstitution and Expression of Ca Channels

Session Chair:

Roberto Coronado, Ph.D.
Department of Physiology and Molecular Biophysics
Baylor College of Medicine
Houston, Texas

9:00 AM-9:25 AM

13. Expression of Ca Channels in Oocytes

Henry Lester, Ph.D.
Division of Biology
California Institute of Technology
Pasadena, California

Discussion (5 minutes)

9:30 AM-9:55 AM

14. Ca Channels of Intracellular Membranes

Roberto Coronado, Ph.D.
Department of Physiology and Molecular Biophysics
Baylor College of Medicine
Houston, Texas

Discussion (5 minutes)

10:00 AM-10:30 AM Intermission

10:30 AM-10:55 AM

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

15. Diverse Types of Ca Channels Reconstituted into Planar Lipid Bilayers

Robert L. Rosenberg, Ph.D.
Department of Physiology
Yale University School of Medicine
New Haven, Connecticut

Discussion (5 minutes)

11:00 AM-11:25 AM

16. Reconstitution of Cardiac Ca Channels

A.J. Williams, Ph.D.
Department of Cardiac Medicine
Cardiothoracic Institute
University of London
London, United Kingdom

Discussion (5 minutes)

11:30 AM-12:00 NOON General Discussion/Contributed Papers

12:00 NOON-2:00 PM Conference Luncheon

2:00 PM-5:30 PM

Session IV: Channel-Ligand Interactions I: Drugs, Toxins, Antibodies

Session Chair:

Dennis W. Wray, Ph.D.
Academic Department of Pharmacology
Royal Free Hospital School of Medicine
University of London
London, United Kingdom

2:00 PM-2:25 PM

17. Dihydropyridine Ca Channel Ligands

Robert S. Kass, Ph.D.
Department of Physiology
University of Rochester
Rochester, New York

Discussion (5 minutes)

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

2:30 PM-2:55 PM

18. Anti-Dihydropyridine Receptor Antibodies

Kevin P. Campbell, Ph.D.
Department of Physiology and Biophysics
University of Iowa
Iowa City, Iowa

Discussion (5 minutes)

3:00 PM-3:25 PM

19. Neurotoxic Peptides from the Marine Snail Conus that Block Ca Channels

D. Yoshikami, Ph.D.
Department of Biology
University of Utah
Salt Lake City, Utah

Discussion (5 minutes)

3:30 PM-4:00 PM Intermission

4:00 PM-4:25 PM

20. Monoclonal Antibodies against Ca Channels

Robert I. Norman, Ph.D.
Department of Medicine
University of Leicester
Leicester, England

Discussion (5 minutes)

4:30 PM-4:55 PM

21. Antibodies against Ca Channels in the Lambert-Eaton Myasthenic Syndrome

Dennis W. Wray, Ph.D.
Academic Department of Pharmacology
Royal Free Hospital School of Medicine
University of London
London, United Kingdom

Discussion (5 minutes)

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

5:00 PM-5:25 PM

22. Immunoelectronmicroscopic Studies of Active Zone Particles

Andrew G. Engel, M.D.
Department of Physiology
Mayo Medical School
Rochester, Minnesota

Discussion (5 minutes)

5:30 PM-7:00 PM Poster Session

7:45 PM Sherry

8:00 PM Conference Dinner

To be Held at:

Stakis
St. Ermin's Hotel
Caxton Street

Wednesday
July 20, 1988

9:00 AM-12:00 NOON

Session V: Channel-Ligand Interactions II: Modulation

Session Chair:

Richard W. Tsien, Ph.D.
Department of Physiology and Membrane Biophysics
Yale University School of Medicine
New Haven, Connecticut

9:00 AM-9:25 AM

23. Multiple Mechanisms for Ca Channel Modulation

Richard W. Tsien, Ph.D.
Department of Physiology and Membrane Biophysics
Yale University School of Medicine
New Haven, Connecticut

Discussion (5 minutes)

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

9:30 AM-9:55 AM

24. Chemical Modulation of Isolated Ca Channel Peptides in Lipid Bilayers

Wolfgang Trautwein, M.D.
Department 2 Physiology
University of Saarland
Homburg, Federal Republic of Germany

Discussion (5 minutes)

10:00 AM-10:25 AM

25. Short and Long Term Regulation of Ca Channels

Arthur M. Brown, M.D., Ph.D.
Department of Physiology and Molecular Biophysics
Baylor College of Medicine
Houston, Texas

Discussion (5 minutes)

10:30 AM-11:00 AM Intermission

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11:00 AM-11:25 AM

26. Modulation of Ca Channels in Central Neurons

Bruce P. Bean, Ph.D.
Department of Neurobiology
Harvard Medical School
Boston, Massachusetts

Discussion (5 minutes)

11:30 AM-11:55 AM

27. Modulation of Ca Channels in Peripheral Neurons

E. Carbone
School of Neuroscience
Turin, Italy

Discussion (5 minutes)

12:00 NOON-12:30 PM General Discussion/Contributed Papers

12:30 PM-2:00 PM Conference Luncheon

2:00 PM-5:30 PM

Session VI: Localization, Tissue and Disease Specificity

Session Chair:

Robert I. Norman, Ph.D,
Department of Medicine
University of Leicester
Leicester, United Kingdom

2:00 PM-2:25 PM

28. Ca Channel Types in Mammalian Central Neurones

Rodolfo Llinas, M.D., Ph.D.
Department of Physiology and Biophysics
New York University Medical Center
New York, New York

Discussion (5 minutes)

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2:30 PM-2:55 PM

29. Ca Channels in Insulin Secreting Cells

Ian Findlay, Ph.D.
Laboratoire de Physiologie Comparee
Universite de Paris XI
Orsay, Cedex, France

Discussion (5 minutes)

3:00 PM-3:30 PM Intermission

3:30 PM-3:55 PM

30. Appearance and Physiological Expression of Ca Channels of Skeletal and Cardiac Muscle Systems During Ontogenesis

J.F. Renaud de la Faverie, Ph.D.
Department of Electrophysiology and Binding
Groupe de Recherches Servier
Paris, France

Discussion (5 minutes)

4:00 PM-4:25 PM

31. Ca Channels in Muscular Dystrophies

C.J. Desnuelle, M.D., Ph.D.
Department of Neuromuscular Diseases
University of Medicine
Marseille, France

Discussion (5 minutes)

4:30 PM-4:55 PM

32. Expression of Ca Channels in Normal and Genetically Defective Muscle

Kurt G. Beam, Ph.D.
Department of Physiology
Colorado State University
Fort Collins, Colorado

Discussion (5 minutes)

5:00 PM-5:30 PM General Discussion

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

5:30 PM-5:45 PM

Closing Remarks

Peter Hess, M.D.
Department of Physiology and Biophysics
Harvard Medical School
Boston, Massachusetts

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*Session Chair:
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Session V - Tsien, R.W.
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Hotel Accommodations

A limited block of rooms have been reserved at each of the following hotels and available to registrants in The New York Academy of Sciences "Calcium Channels: Structure and Function" Conference. Hotel rates are in effect for the nights of July 17, 18 and 19. Please note the strictly enforced cut-off dates for reservations at each hotel and reserve early. Contact the hotel directly, indicating the type of room, the quoted rate, the Academy's name, Conference title and reservation dates; be certain to request immediate written confirmation.

All Hotels are within walking distance (15 minutes) of the Conference site (Royal Society), with the exception of the Tavistock (easily accessible via local transportation).

Conference Hotel:

****Stakis
St. Ermin's Hotel
Caxton Street
London, SW1H OQW
Telephone: 01-222-7888 Telex: 917731
Reservations due by April 30.

65.00 ($124 U.S. Dollars) Single
75.00 ($143 U.S. Dollars) Double (single occup)
85.00 ($162 U.S. Dollars) Double (double occup)
(Above rates are fully inclusive of VAT)

Other Recommended Hotels:

****Green Park Hotel - Mayfair
Half Moon Street
London, W1Y 8BP
Telephone: 01-629-7522 Telex: 28856 GREHOT
Reservations due by April 30.

52.00 ($99 U.S. Dollars) Single
64.00 ($122 U.S. Dollars) Double (single occup)
74.00 ($141 U.S. Dollars) Double (double occup)
(Above rates are fully inclusive of VAT)

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Hotels Continued:

***The Rubens
Victoria
Buckingham Palace Road
London, SW1W OPS
Telephone: 01-834-6600 Telex: 916577
Reservations due by June 17.
(Contact Cheryl Christie's office)

60.00 ($114 U.S. Dollars) Single
68.00 ($129 U.S. Dollars) Double (single occup)
70.00 ($133 U.S. Dollars) Double (double occup)
(Above rates are fully inclusive of VAT)

***Pastoria Hotel
St. Martin's Street
Leicester Square
London, WC2H 7HLT
Telephone: 01-930-8641 Telex: 25538 PastorG
Cables: Heartowest London WC2
Reservations due by June 24.

55.20 ($105 U.S. Dollars) Single
71.20 ($135 U.S. Dollars) Double
(Above rates include Continental breakfast and
are fully inclusive of VAT)

***Tavistock Hotel
Tavistock Square
London, WC1H 9EU
Telephone: 01-636-8383
Telex: 263951 or 21822 RUSIMP
Reservations due by June 17.
(Contact Kay Lynch's office)

35.00 ($67 U.S. Dollars) Single
45.00 ($86 U.S. Dollars) Double
(Above rates include English breakfast and
are inclusive of VAT)

**Limited Accommodations are available in
a local Hostel (Students Only)**

16.00 ($31 U.S. Dollars) Single

Note: Requests for Hostel reservations
are to be directed in writing to:
Dr. Dennis Wray, Academic Department of
Pharmacology, Royal Free Hospital
School of Medicine, University of London,
Rowland Hill Street
London, NW3 2PF, United Kingdom

Source: https://www.industrydocuments.ucsf.edu/docs/lxvb0000

Conference Registration Form

Due to limited seating, registration is on a space available basis (First come first served). REGISTER EARLY.

If you plan to attend this Conference, please complete and return this form with payment by the date indicated below:

The Conference Director
The New York Academy of Sciences
2 East 63rd Street
New York, New York 10021
Telephone (212) 838-0230

I shall attend the conference entitled "Calcium Channels: Structure and Function," to be held July 18-20, 1988 in London, United Kingdom.

Name_____Degree_____

Affiliation_____

Mailing Address_____

City_____State_____Zip_____

Please Check and Enclose Registration Fee or complete Credit Card Information Section. Only Mastercard, VISA or American Express Cards will be accepted.

Waived for Speakers only (First Authors).
Poster Presenters please pay appropriate fee.

Registration fee prior to April 30:

Regular Registration - $225 U.S. Dollars

Graduate Student Registration - $50 U.S. Dollars
(Full time graduate student, must submit written p

Conference Luncheon 7/18 - $14 U.S. Dollars
Conference Luncheon 7/19 - $14 U.S. Dollars
Conference Luncheon 7/20 - $14 U.S. Dollars
Conference Dinner 7/19 - $48 U.S. Dollars

Credit Card (Circle one) M.C., VISA, AMEX
Number - _____
Exp. Date -_____

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Registration fee after April 30:

Regular Registration - $265 U.S. Dollars

Graduate Student Registration - $70 U.S. Dollars
(Full time graduate student, must submit written proof)

Conference Luncheon 7/18 - $14 U.S. Dollars
Conference Luncheon 7/19 - $14 U.S. Dollars
Conference Luncheon 7/20 - $14 U.S. Dollars
Conference Dinner 7/19 - $48 U.S. Dollars

Credit Card (Circle one) M.C., VISA, AMEX
Number - _____
Exp. Date - _____

Note: Luncheon and Dinner Tickets will not be sold at the Conference. They must be paid for in advance.

Registration Grants:

(A limited number of registration grants may be available for young postdoctoral scientists. To apply please send the following to Dr. Dennis W.-Wray, Pharmacology Department, Royal Free Hospital School of Medicine, Rowland Hill Street, London, NW3 2PF, United Kingdom: 1) Curriculum Vitae (CV) with name, address, age and details of present employment; 2) Publications list; 3) Brief support letter from senior member from your institution. Please note: Your registration fee must be received by the Academy, in order to be considered for registration grant support.

REFUNDS:
Requests for refunds postmarked prior to April 30th will be issued in full.
Requests postmarked after April 30th will be issued less a 20% administrative charge.
Refund requests postmarked after July 1st will not be honored.

Method of Payment:

For U.S. Participants:
Bank Check made payable to:
The New York Academy of Sciences
Or Credit Card: M.C., VISA or AMEX Cards only

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For Non-U.S. Participants:
Payment must be in U.S. Dollars and must be made with a U.S. Bank Check.
Or Credit Card: M.C., VISA or AMEX Cards only

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Flyer
Advertisement (Please Specify)

_____

Other (Please Specify)

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